Identifying Your Drought Risk



Deborah J. Bathke Michael J. Hayes

Building Drought Early Warning Capacity in Montana March 17 – 18, 2015 Bozeman. MT



Overview of NDMC's Drought Risk Atlas (DRA)

Interactive activity using the DRA

Wrap up and report out



What is the Drought Risk Atlas?

WHAT

- Decision Support Tool
- Visualize & assess drought risk
- Historical drought indices & climatology
- Gridded maps

WHERE

- U.S.
- 3,059 Stations (COOP)
- 139

 unique
 climate
 regimes

WHEN

- Minimum 40 years of data
- Data for weekly, monthly, & annual time steps

WHY

 How does the drought compare historically in terms of magnitude, frequency, and duration

WHO

- By NDMC
- With: NOAA CPO, NIDIS, USDA RMA, HPRCC, AASC
- For a wide range of decision makers

Questions that we will explore today:

- How did the drought in in the early 2000s compare to other historical droughts?
- How severe was this drought?
- How long have droughts like this lasted?
- How frequently does a drought like this happen?

Go to

http://droughtatlas.unl.edu

better understand drought in their respective region and to make better

For the new national Drought Risk Atlas, the idea was to expand the data both in the number of stations analyzed and the period of record to include the most

complete long-term stations, some of which are not part of the HCN. Using a weekly time-step to calculate multiple drought indices at each station location,

not on a climate division scale, allows for a more precise representation of

drought histories. The Standardized Precipitation Index (SPI), Standardized Precipitation-Evapotranspiration Index (SPEI), Palmer Drought Severity Index (PDSI), Deciles, United States Drought Monitor and other climatological data are included in the new Drought Risk Atlas. Along with the climatological data, gridded maps created on a weekly time-step are available for the entire United

States.

Demonstration

How does the drought of the 2000s compare to historical droughts?



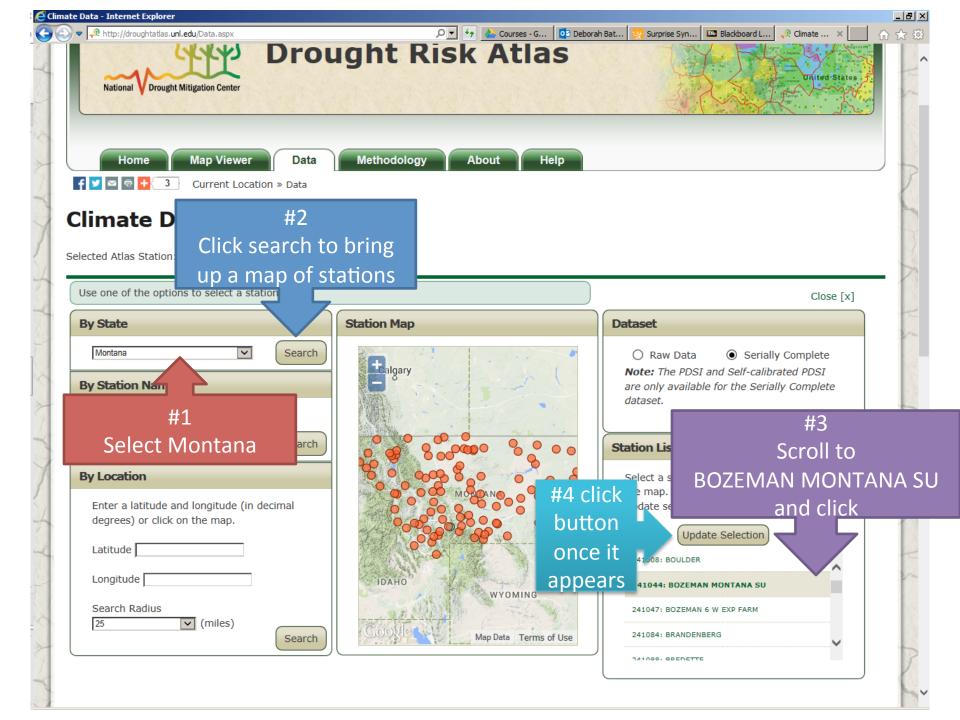
chosen, and more.

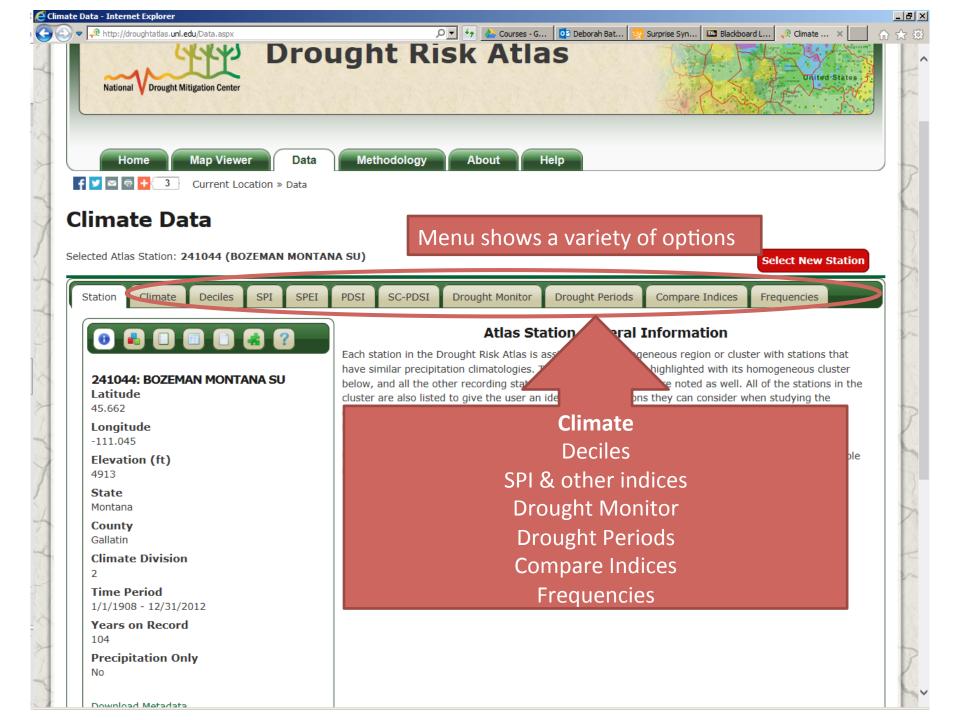
An overview of why the Drought Risk Atlas was created and who was involved.

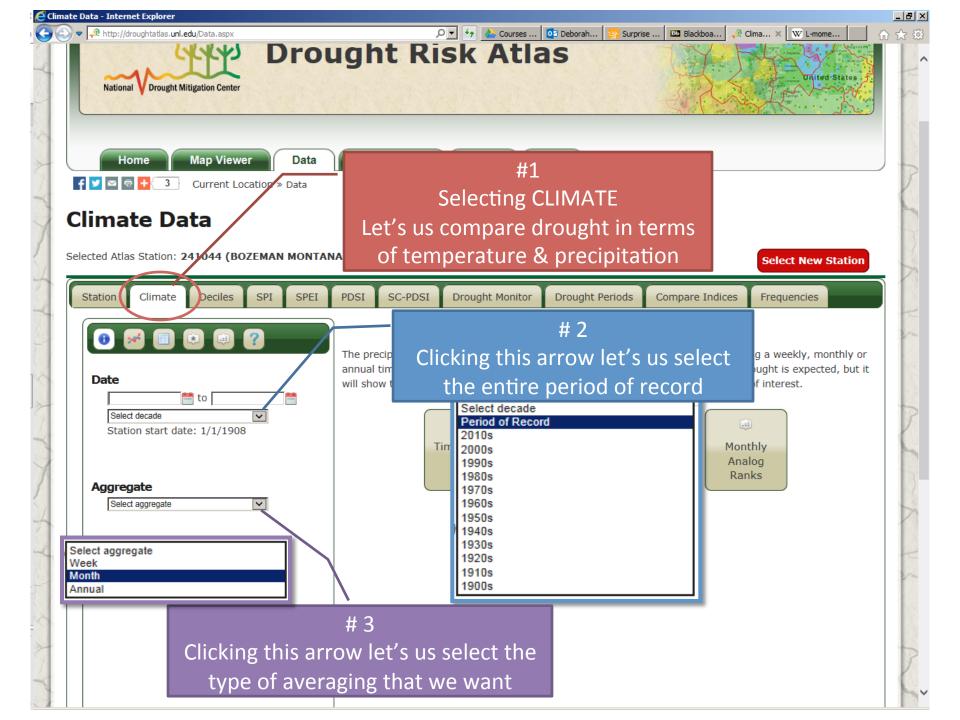
Instructions on how to use the various features and tools of the Drought Risk

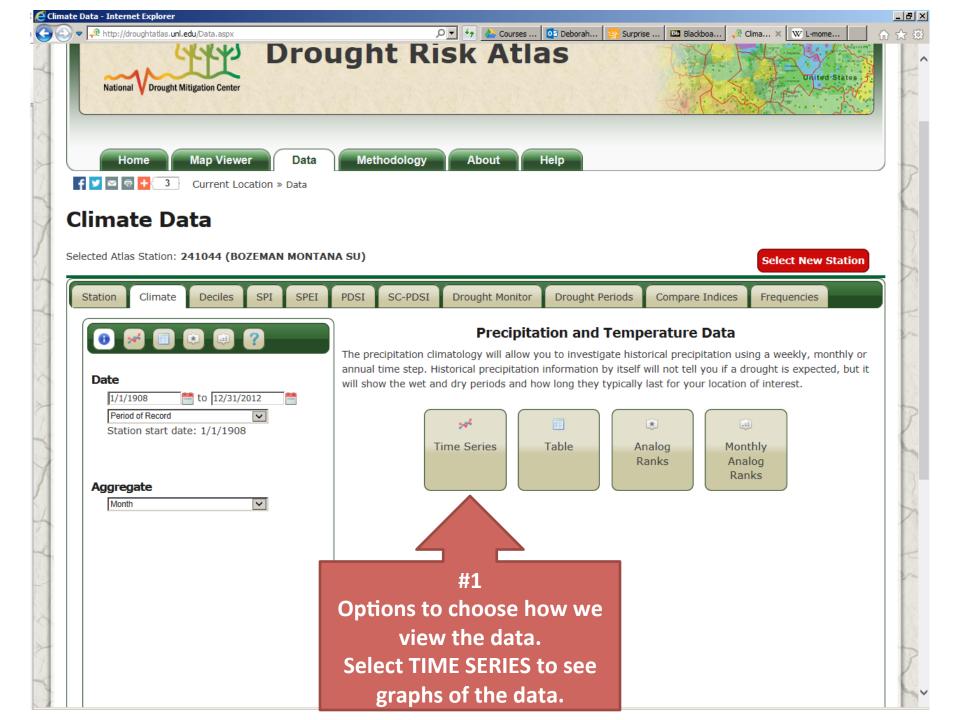
About

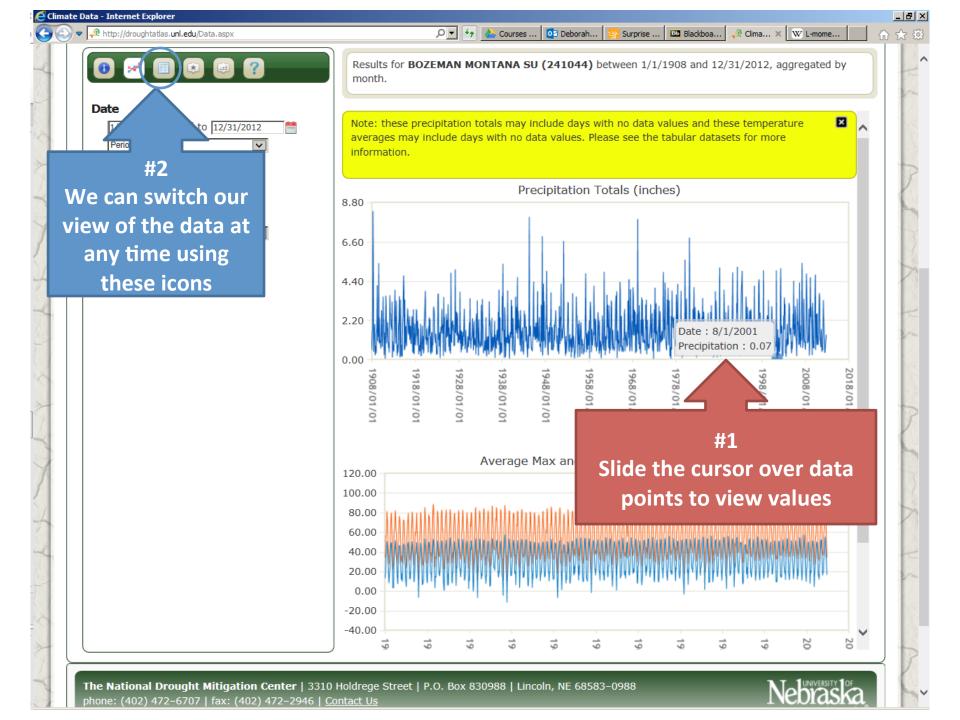
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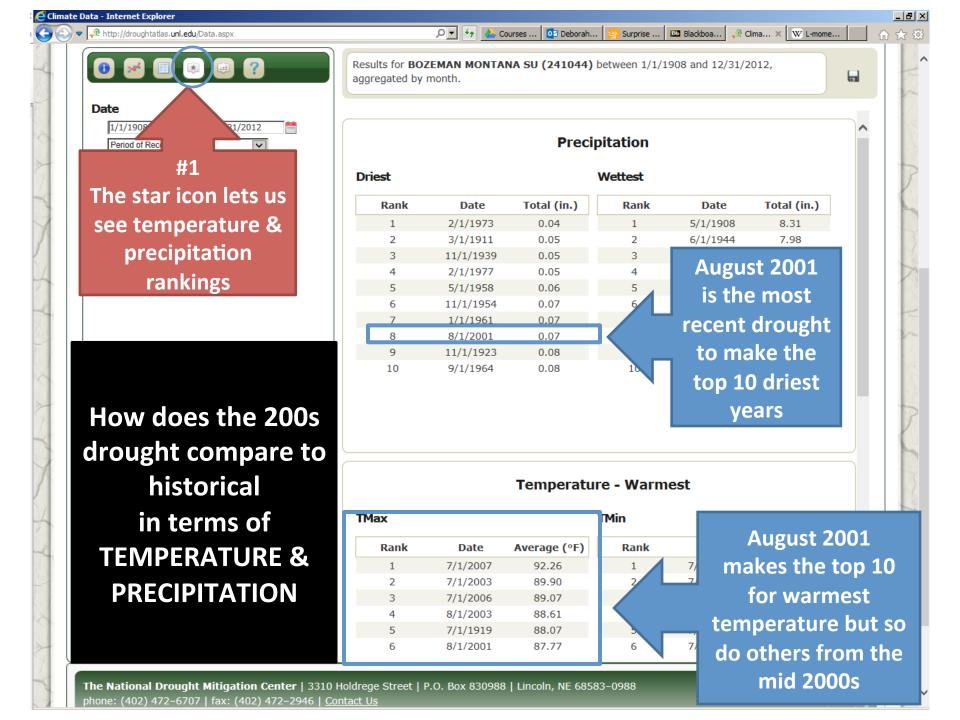




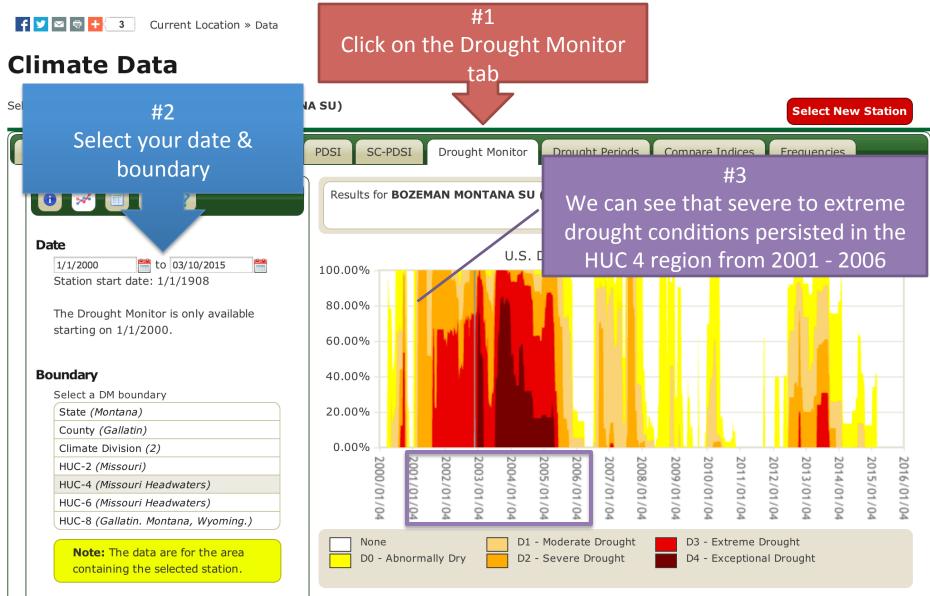




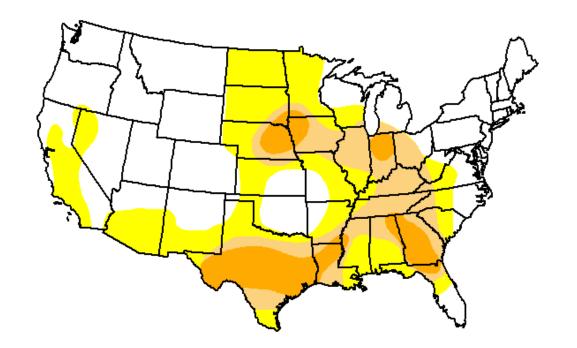




Investigating the 2000's



The following slides show the evolution of drought conditions across the U.S. from January 2000 to present.



January 4, 2000

(Released Thursday, Jan. 6, 2000) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	49.00	51.00	23.35	9.45	0.00	0.00
Last Week	1	-	-	-	1	-
3 Month's Ago	-	-	-	-	-	-
Start of Calendar Year 1/4/2000	49.00	51.00	23.35	9.45	0.00	0.00
Start of Water Year	-	-	-	-	-	-
One Year Ago	-	-	-	-	-	-

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Staff

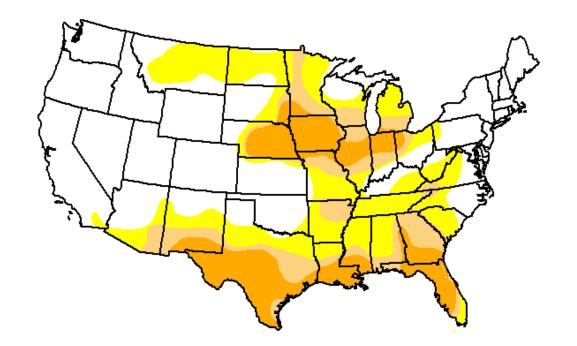








Between January and April 2000, abnormally dry conditions began to affect much of Montana



April 4, 2000

(Released Thursday, Apr. 6, 2000) Valid 7 a.m. EDT

Drought Conditions (Percent Area)

_	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	51.49	48.51	25.61	14.46	0.00	0.00
Last Week 3/28/2000	54.69	45.31	26.54	12.48	0.00	0.00
3 Month's Ago 1/4/2000	49.00	51.00	23.35	9.45	0.00	0.00
Start of Calendar Year 1/4/2000	49.00	51.00	23.35	9.45	0.00	0.00
Start of Water Year	-	-	-	-	-	-
One Year Ago	-	-	-	-	-	1

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Staff









August 1, 2000

(Released Thursday, Aug. 3, 2000) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	50.33	49.67	24.12	10.36	4.91	2.41
Last Week 7/25/2000	50.13	49.87	22.86	9.32	5.19	2.59
3 Month's Ago 5/2/2000	55.43	44.57	25.69	13.22	1.66	0.00
Start of Calendar Year 1/4/2000	49.00	51.00	23.35	9.45	0.00	0.00
Start of Water Year	-	-	-	-	-	-
One Year Ago	-	-	-	-	-	-

Intensity:

D0 Abnormally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Staff









January 2, 2001

(Released Thursday, Jan. 4, 2001)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	70.82	29.18	13.94	6.16	0.96	0.33
Last Week 12/26/2000	72.25	27.75	14.42	7.52	0.96	0.36
3 Month's Ago 10/3/2000	39.53	60.47	40.99	26.17	6.99	0.74
Start of Calendar Year 1/2/2001	70.82	29.18	13.94	6.16	0.96	0.33
Start of Water Year 9/26/2000	42.19	57.81	38.28	23.95	6.90	0.74
One Year Ago 1/4/2000	49.00	51.00	23.35	9.45	0.00	0.00

Intensity:

D0 Abnormally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Mark Svoboda National Drought Mitigation Center









April 3, 2001

(Released Thursday, Apr. 5, 2001) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	61.84	38.16	20.58	10.13	1.43	0.18
Last Week 3/27/2001	62.42	37.58	21.17	9.91	1.47	0.64
3 Month's Ago 1/2/2001	70.82	29.18	13.94	6.16	0.96	0.33
Start of Calendar Year 1/2/2001	70.82	29.18	13.94	6.16	0.96	0.33
Start of Water Year 9/26/2000	42.19	57.81	38.28	23.95	6.90	0.74
One Year Ago 4/4/2000	51.49	48.51	25.61	14.46	0.00	0.00

Intensity:

D0 Abnormally Dry

D1 M oderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s): David Miskus

NOAA/NWS/NCEP/CPC









August 7, 2001

(Released Thursday, Aug. 9, 2001) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	48.63	51.37	31.03	18.45	5.23	0.00
Last Week 7/31/2001	47.31	52.69	30.97	17.76	5.23	0.00
3 Month's Ago 5/8/2001	52.51	47.49	28.52	13.18	1.98	0.27
Start of Calendar Year 1/2/2001	70.82	29.18	13.94	6.16	0.96	0.33
Start of Water Year 9/26/2000	42.19	57.81	38.28	23.95	6.90	0.74
One Year Ago 8/8/2000	48.87	51.13	24.50	10.76	4.47	2.14

Intensity:

D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Douglas Le Comte CPC/NOAA









January 1, 2002

(Released Thursday, Jan. 3, 2002) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	46.54	53.46	36.64	22.71	8.75	0.00
Last Week 12/25/2001	46.66	53.34	36.36	22.60	8.12	0.00
3 Month's Ago 10/2/2001	55.88	44.12	28.23	18.94	9.64	0.00
Start of Calendar Year 1/1/2002	46.54	53.46	36.64	22.71	8.75	0.00
Start of Water Year 9/25/2001	56.31	43.69	28.40	19.78	9.38	0.00
One Year Ago 1/2/2001	70.82	29.18	13.94	6.16	0.96	0.33

Intensity:

D0 Abnormally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s): Richard Heim NCDC/NOAA









March 5, 2002

(Released Thursday, Mar. 7, 2002) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	36.40	63.60	36.54	18.16	5.66	0.00
Last Week 2/26/2002	36.12	63.88	36.22	18.11	5.76	0.00
3 Month's Ago 12/4/2001	44.08	55.92	38.67	23.68	9.42	0.00
Start of Calendar Year 1/1/2002	46.54	53.46	36.64	22.71	8.75	0.00
Start of Water Year 9/25/2001	56.31	43.69	28.40	19.78	9.38	0.00
One Year Ago 3/6/2001	66.74	33.26	21.24	5.46	1.66	0.71

Intensity:

D0 Abnormally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Douglas Le Comte CPC/NOAA

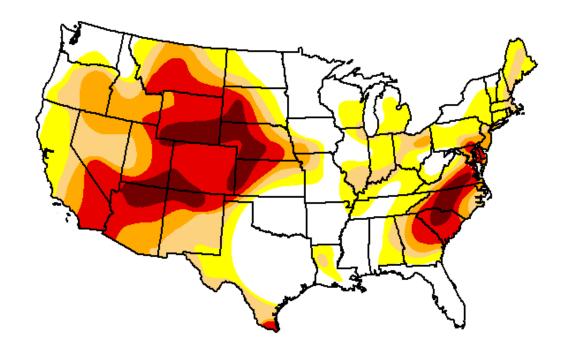












August 6, 2002

(Released Thursday, Aug. 8, 2002) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	31.51	68.49	50.09	35.78	23.22	6.98
Last Week 7/30/2002	28.68	71.32	50.45	34.65	22.50	6. 11
3 Month's Ago 5/7/2002	36.39	63.61	43.96	31.68	11.40	0.61
Start of Calendar Year 1/1/2002	46.54	53.46	36.64	22.71	8.75	0.00
Start of Water Year 9/25/2001	56.31	43.69	28.40	19.78	9.38	0.00
One Year Ago 8/7/2001	48.63	51.37	31.03	18.45	5.23	0.00

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Staff









January 7, 2003

(Released Thursday, Jan. 9, 2003) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	42.39	57.61	42.56	31.21	16.30	1.69
Last Week 12/31/2002	44.96	55.04	41.24	30.33	14.25	1.28
3 Month's Ago 10/8/2002	28.77	71.23	50.20	32.37	16.87	2.09
Start of Calendar Year 12/31/2002	44.96	55.04	41.24	30.33	14.25	1.28
Start of Water Year 10/1/2002	29.08	70.92	48.59	33.38	17.84	3.14
One Year Ago 1/8/2002	45.55	54.45	34.71	20.27	6.31	0.00

Intensity:

D0 Abnormally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s): Richard Tinker CPC/NOAA/NWS/NCEP









March 4, 2003

(Released Thursday, Mar. 6, 2003) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	38.82	61.18	44.75	32.53	19.90	2.00
Last Week 2/25/2003	39.15	60.85	43.43	32.48	19.92	2.08
3 Month's Ago 12/3/2002	41.05	58.95	42.04	26.59	13.25	1.09
Start of Calendar Year 12/31/2002	44.96	55.04	41.24	30.33	14.25	1.28
Start of Water Year 10/1/2002	29.08	70.92	48.59	33.38	17.84	3.14
One Year Ago 3/5/2002	36.40	63.60	36.54	18.16	5.66	0.00

Intensity:

D0 Abnormally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s): Richard Tinker

CPC/NOAA/NWS/NCEP









August 5, 2003

(Released Thursday, Aug. 7, 2003) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	42.78	57.22	48.05	30.07	14.93	1.98
Last Week 7/29/2003	44.96	55.04	47.09	28.89	15.11	2.15
3 Month's Ago 5/6/2003	38.67	61.33	42.80	23.45	10.87	0.26
Start of Calendar Year 12/31/2002	44.96	55.04	41.24	30.33	14.25	1.28
Start of Water Year 10/1/2002	29.08	70.92	48.59	33.38	17.84	3.14
One Year Ago 8/6/2002	31.51	68.49	50.09	35.78	23.22	6.98

Intensity:

D0 Abnomally Dry
D1 Moderate Drought
D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Douglas Le Comte CPC/NOAA

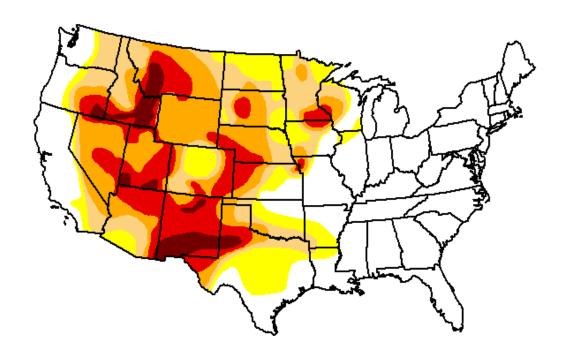












January 6, 2004

(Released Thursday, Jan. 8, 2004)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	42.23	57.77	45.97	32.54	16.24	3.71
Last Week 12/30/2003	43.82	56.18	45.80	33.78	15.99	3.40
3 Month's Ago 10/7/2003	41.01	58.99	48.34	33.60	16.75	2.07
Start of Calendar Year 12/30/2003	43.82	56.18	45.80	33.78	15.99	3.40
Start of Water Year 9/30/2003	38.58	61.42	48.37	33.11	16.87	2.09
One Year Ago 1/7/2003	42.39	57.61	42.56	31.21	16.30	1.69

Intensity:

D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Richard Tinker CPC/NOAA/NWS/NCEP









March 2, 2004

(Released Thursday, Mar. 4, 2004)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	48.60	51.40	39.18	28.26	12.54	2.08
Last Week 2/24/2004	47.72	52.28	40.97	30.75	14.71	2.83
3 Month's Ago 12/2/2003	42.04	57.96	47.75	33.57	17.27	3.35
Start of Calendar Year 12/30/2003	43.82	56.18	45.80	33.78	15.99	3.40
Start of Water Year 9/30/2003	38.58	61.42	48.37	33.11	16.87	2.09
One Year Ago 3/4/2003	38.82	61.18	44.75	32.53	19.90	2.00

Intensity:

D0 Abnomally Dry
D1 Moderate Drought
D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s): Richard Tinker

CPC/NOAA/NWS/NCEP

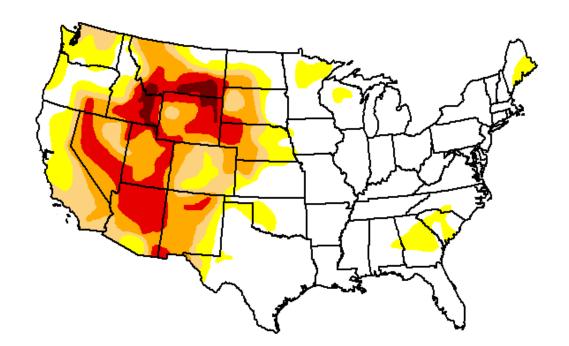












August 3, 2004

(Released Thursday, Aug. 5, 2004)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	53.81	46.19	33.03	24.04	10.94	1.38
Last Week 7/27/2004	55.17	44.83	32.65	23.69	10.73	1.38
3 Month's Ago 5/4/2004	45.83	54.17	39.69	26.71	12.02	1.08
Start of Calendar Year 12/30/2003	43.82	56.18	45.80	33.78	15.99	3.40
Start of Water Year 9/30/2003	38.58	61.42	48.37	33.11	16.87	2.09
One Year Ago 8/5/2003	42.78	57.22	48.05	30.07	14.93	1.98

Intensity:

D0 Abnomally Dry
D1 Moderate Drought
D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Mark Svoboda National Drought Mitigation Center









January 4, 2005

(Released Thursday, Jan. 6, 2005) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	63.03	36.97	25.64	15.39	5.91	0.77
Last Week 12/28/2004	61.24	38.76	27.10	16.51	6.53	0.92
3 Month's Ago 10/5/2004	51.58	48.42	32.25	21.58	9.41	0.93
Start of Calendar Year 1/4/2005	63.03	36.97	25.64	15.39	5.91	0.77
Start of Water Year 9/28/2004	56.52	43.48	30.51	21.82	9.69	0.93
One Year Ago 1/6/2004	42.23	57.77	45.97	32.54	16.24	3.71

Intensity:

D0 Abnormally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Mark Svoboda National Drought Mitigation Center









March 1, 2005

(Released Thursday, Mar. 3, 2005) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	61.65	38.35	26.70	16.26	5.51	1.32
Last Week 2/22/2005	60.35	39.65	27.17	15.40	5.84	1.04
3 Month's Ago 11/30/2004	62.82	37.18	26.99	16.72	6.49	0.93
Start of Calendar Year 1/4/2005	63.03	36.97	25.64	15.39	5.91	0.77
Start of Water Year 9/28/2004	56.52	43.48	30.51	21.82	9.69	0.93
One Year Ago 3/2/2004	48.60	51.40	39.18	28.26	12.54	2.08

Intensity:

D0 Abnomally Dry
D1 Moderate Drought
D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s): Richard Heim NCDC/NOAA

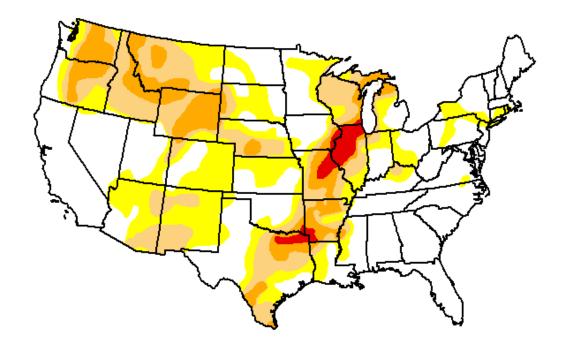








Conditions were improving by August 2, 2005



August 2, 2005

(Released Thursday, Aug. 4, 2005)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	47.68	52.32	29.29	12.30	1.84	0.00
Last Week 7/26/2005	48.49	51.51	28.82	12.04	1.94	0.00
3 Month's Ago 5/3/2005	55.76	44.24	21.78	13.18	4.64	0.67
Start of Calendar Year 1/4/2005	63.03	36.97	25.64	15.39	5.91	0.77
Start of Water Year 9/28/2004	56.52	43.48	30.51	21.82	9.69	0.93
One Year Ago 8/3/2004	53.81	46.19	33.03	24.04	10.94	1.38

Intensity:

D0 Abnomally Dry

D3 Extreme Drought

D4 Exceptional Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Michael Hayes National Drought Mitigation Center









January 3, 2006

(Released Thursday, Jan. 5, 2006) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	57.05	42.95	21.29	7.49	2.95	0.61
Last Week 12/27/2005	55.66	44.34	22.60	7.35	2.80	0.54
3 Month's Ago 10.4/2005	52.08	47.92	25.04	6.83	0.82	0.00
Start of Calendar Year 1/3/2006	57.05	42.95	21.29	7.49	2.95	0.61
Start of Water Year 9/27/2005	54.16	45.84	23.72	7.19	0.75	0.00
One Year Ago 1/4/2005	63.03	36.97	25.64	15.39	5.91	0.77

Intensity:

D0 Abnomally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Douglas Le Comte CPC/NOAA

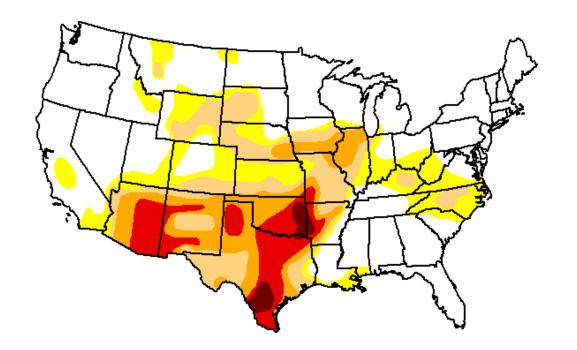








By March 2007, most of the state was out of drought.



March 7, 2006

(Released Thursday, Mar. 9, 2006) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	52.30	47.70	31.55	18.03	8.31	1.22
Last Week 2/28/2006	54.32	45.68	30.11	16.42	7.15	1.22
3 Month's Ago 12/6/2005	54.74	45.26	22.09	6.06	1.39	0.00
Start of Calendar Year 1/3/2006	57.05	42.95	21.29	7.49	2.95	0.61
Start of Water Year 9/27/2005	54.16	45.84	23.72	7.19	0.75	0.00
One Year Ago 3/8/2005	59.94	40.06	26.76	16.79	5.56	1.33

Intensity:

D0 Abnormally Dry

D1 M oderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Brian Fuchs

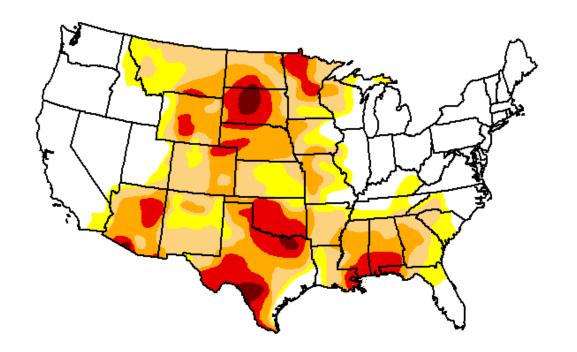








The following slides show the evolution of drought conditions across the U.S. from January 2000 to present.



August 1, 2006

(Released Thursday, Aug. 3, 2006) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	38.55	61.45	48.43	28.68	11.34	1.25
Last Week 7/25/2006	38.50	61.50	49.95	29.12	11.33	1.25
3 Month's Ago 5/2/2006	49.16	50.84	30.02	15.47	5.56	1.82
Start of Calendar Year 1/3/2006	57.05	42.95	21.29	7.49	2.95	0.61
Start of Water Year 9/27/2005	54.16	45.84	23.72	7.19	0.75	0.00
One Year Ago 8/2/2005	47.68	52.32	29.29	12.30	1.84	0.00

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s): David Miskus

NOAA/NWS/NCEP/CPC

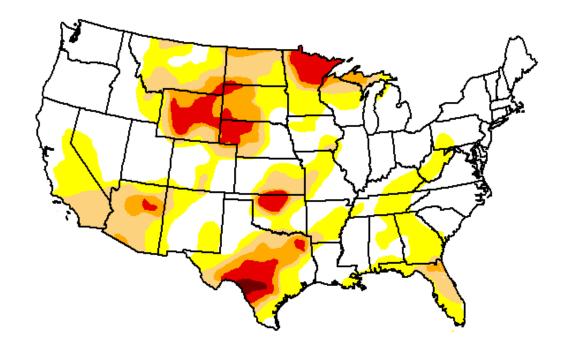








This respite was short-lived as conditions began to deteriorate by January, 2007.



January 2, 2007

(Released Thursday, Jan. 4, 2007)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	50.01	49.99	25.63	12.62	5.93	0.33
Last Week 12/26/2006	47.52	52.48	25.53	13.03	5.86	0.48
3 Month's Ago 10/3/2006	44.59	55.41	34.48	16.52	6.81	0.14
Start of Calendar Year 1/2/2007	50.01	49.99	25.63	12.62	5.93	0.33
Start of Water Year 9/26/2006	45.13	54.87	32.93	16.30	6.61	0.14
One Year Ago 1/3/2006	57.05	42.95	21.29	7.49	2.95	0.61

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Brian Fuchs









March 6, 2007

(Released Thursday, Mar. 8, 2007) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	56.02	43.98	23.52	12.11	3.87	0.18
Last Week 2/27/2007	54.70	45.30	25.20	13.36	4.62	0.18
3 Month's Ago 125/2006	53.72	46.28	25.13	13.13	6.14	0.17
Start of Calendar Year 1/2/2007	50.01	49.99	25.63	12.62	5.93	0.33
Start of Water Year 9/26/2006	45.13	54.87	32.93	16.30	6.61	0.14
One Year Ago 3/7/2006	52.30	47.70	31.55	18.03	8.31	1.22

Intensity:

D0 Abnomally Dry

D3 Extreme Drought

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Douglas Le Comte CPC/NOAA









August 7, 2007

(Released Thursday, Aug. 9, 2007) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	33.83	66.17	46.95	30.01	8.35	1.53
Last Week 7/31/2007	35.95	64.05	46.11	28.74	6.78	0.66
3 Month's Ago 5/8/2007	53.45	46.55	31.61	14.57	5.12	0.00
Start of Calendar Year 1/2/2007	50.01	49.99	25.63	12.62	5.93	0.33
Start of Water Year 9/26/2006	45.13	54.87	32.93	16.30	6.61	0.14
One Year Ago 8/8/2006	36.40	63.60	49.36	30.92	12.09	1.90

Intensity:

D0 Abnormally Dry

D1 M oderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Brian Fuchs









January 1, 2008

(Released Thursday, Jan. 3, 2008) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	45.42	54.58	34.96	20.39	5.75	2.38
Last Week 12/25/2007	46.38	53.62	34.54	20.78	6.41	3.75
3 Month's Ago 10/2/2007	40.70	59.30	43.76	29.63	11.99	3.35
Start of Calendar Year 1/1/2008	45.42	54.58	34.96	20.39	5.75	2.38
Start of Water Year 9/25/2007	41.29	58.71	43.95	30.02	11.81	2.28
One Year Ago	50.01	49.99	25.63	12.62	5.93	0.33

Intensity:

D0 Abnormally Dry

D1 M oderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s): Richard Heim NCDC/NOAA









March 4, 2008

(Released Thursday, Mar. 6, 2008)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

_	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	51.91	48.09	28.46	15.26	3.28	0.89
Last Week 2/26/2008	50.09	49.91	29.19	15.05	3.35	1.09
3 Month's Ago 12/4/2007	41.44	58.56	36.33	20.68	6.15	3.24
Start of Calendar Year 1/1/2008	45.42	54.58	34.96	20.39	5.75	2.38
Start of Water Year 9/25/2007	41.29	58.71	43.95	30.02	11.81	2.28
One Year Ago 3/6/2007	56.02	43.98	23.52	12.11	3.87	0.18

Intensity:

D0 Abnomally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Brian Fuchs

National Drought Mitigation Center









August 12, 2008

(Released Thursday, Aug. 14, 2008)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	48.29	51.71	27.25	12.84	4.42	0.96
Last Week 8/5/2008	46.84	53.16	28.20	12.98	4.35	0.96
3 Month's Ago 5/13/2008	53.83	46.17	24.55	8.62	2.09	0.00
Start of Calendar Year 1/1/2008	45.42	54.58	34.96	20.39	5.75	2.38
Start of Water Year 9/25/2007	41.29	58.71	43.95	30.02	11.81	2.28
One Year Ago 8/14/2007	34.79	65.21	48.17	32.85	10.01	2.34

Intensity:

D0 Abnomally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Eric Luebehusen









January 6, 2009

(Released Thursday, Jan. 8, 2009) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	57.72	42.28	19.20	5.93	1.21	0.37
Last Week 12/30/2008	58.21	41.79	19.19	6. 17	1.24	0.37
3 Month's Ago 10/7/2008	54.73	45.27	23.15	9.02	1.73	0.18
Start of Calendar Year 12/30/2008	58.21	41.79	19.19	6.17	1.24	0.37
Start of Water Year 9/30/2008	54.10	45.90	23.55	8.89	1.84	0.18
One Year Ago 1/8/2008	43.59	56.41	35.41	18.25	4.71	2.51

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Brian Fuchs

National Drought Mitigation Center









March 3, 2009

(Released Thursday, Mar. 5, 2009) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	47.07	52.93	25.69	8.70	2.29	0.85
Last Week 2/24/2009	50.35	49.65	24.01	8.99	2.71	0.75
3 Month's Ago 12/2/2008	51.76	48.24	21.62	7.91	2.12	0.62
Start of Calendar Year 12/30/2008	58.21	41.79	19.19	6.17	1.24	0.37
Start of Water Year 9/30/2008	54.10	45.90	23.55	8.89	1.84	0.18
One Year Ago 3/4/2008	51.91	48.09	28.46	15.26	3.28	0.89

Intensity:

D0 Abnormally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s): Richard Tinker CPC/NOAA/NWS/NCEP

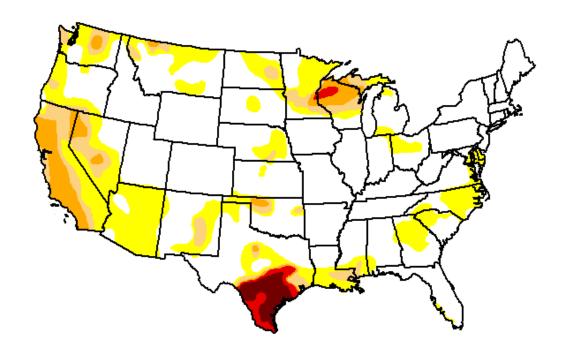












August 4, 2009

(Released Thursday, Aug. 6, 2009) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	65.53	34.47	12.96	6.76	2.56	1.48
Last Week 7/28/2009	64.89	35.11	13.84	6.81	2.18	1.65
3 Month's Ago 5/5/2009	60.91	39.09	17.24	7.38	2.12	0.86
Start of Calendar Year 12/30/2008	58.21	41.79	19.19	6.17	1.24	0.37
Start of Water Year 9/30/2008	54.10	45.90	23.55	8.89	1.84	0.18
One Year Ago 8/5/2008	46.84	53.16	28.20	12.98	4.35	0.96

Intensity:

D0 Abnomally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Mark Svoboda National Drought Mitigation Center









January 5, 2010

(Released Thursday, Jan. 7, 2010) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	72.07	27.93	13.24	4.22	0.19	0.00
Last Week 12/29/2009	72.07	27.93	12.40	4.24	0.19	0.00
3 Month's Ago 10/6/2009	66.07	33.93	14.58	5.68	0.74	0.13
Start of Calendar Year 12/29/2009	72.07	27.93	12.40	4.24	0.19	0.00
Start of Water Year 9/29/2009	63.99	36.01	14.98	6.18	1.30	0.28
One Year Ago 1/6/2009	57.72	42.28	19.20	5.93	1.21	0.37

Intensity:

D0 Abnormally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Mark Svoboda National Drought Mitigation Center









March 2, 2010

(Released Thursday, Mar. 4, 2010) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	72.33	27.67	8.83	1.56	0.00	0.00
Last Week 2/23/2010	71.86	28.14	9.03	1.59	0.00	0.00
3 Month's Ago 12/1/2009	72.91	27.09	13.11	5.22	0.47	0.00
Start of Calendar Year 12/29/2009	72.07	27.93	12.40	4.24	0.19	0.00
Start of Water Year 9/29/2009	63.99	36.01	14.98	6.18	1.30	0.28
One Year Ago 3/3/2009	47.07	52.93	25.69	8.70	2.29	0.85

Intensity:

D0 Abnomally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s): Richard Tinker CPC/NOAA/NWS/NCEP

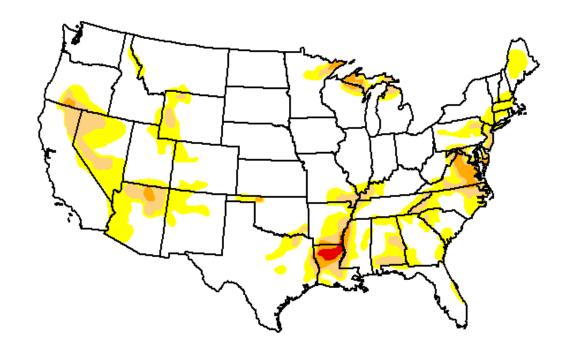








By August 2010, Montana was essentially free from drought.



August 3, 2010

(Released Thursday, Aug. 5, 2010) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	75.51	24.49	8.18	1.97	0.30	0.00
Last Week 7/27/2010	74.30	25.70	8.95	1.84	0.28	0.00
3 Month's Ago 5/4/2010	68.58	31.42	10.86	2.62	0.00	0.00
Start of Calendar Year 12/29/2009	72.07	27.93	12.40	4.24	0.19	0.00
Start of Water Year 9/29/2009	63.99	36.01	14.98	6.18	1.30	0.28
One Year Ago 8/4/2009	65.53	34.47	12.96	6.76	2.56	1.48

Intensity:

D0 Abnormally Dry

D1 M oderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

David Miskus NOAA/NWS/NCEP/CPC

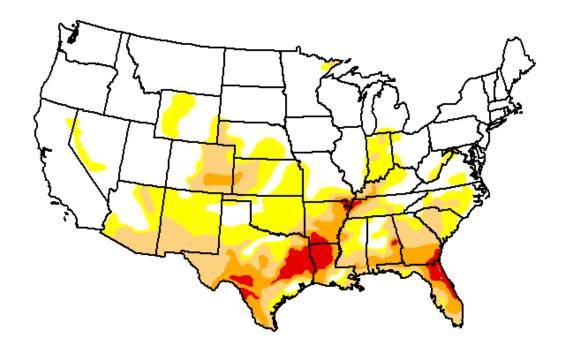












January 4, 2011

(Released Thursday, Jan. 6, 2011) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	60.50	39.50	21.74	8.50	2.60	0.00
Last Week 12/28/2010	59.05	40.95	23.75	9.06	2.36	0.00
3 Month's Ago 10/5/2010	63.64	36.36	11.73	2.71	0.32	0.00
Start of Calendar Year 1/4/2011	60.50	39.50	21.74	8.50	2.60	0.00
Start of Water Year 9/28/2010	60.05	39.95	13.16	3.09	0.30	0.00
One Year Ago 1/5/2010	72.07	27.93	13.24	4.22	0.19	0.00

Intensity:

D0 Abnormally Dry

D1 M oderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s): Anthony Artusa NOAA/NWS/NCEP/CPC









March 1, 2011

(Released Thursday, Mar. 3, 2011) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	57.03	42.97	27.92	12.47	2.30	0.00
Last Week 2/22/2011	56.18	43.82	28.22	11.43	2.07	0.00
3 Month's Ago 11/30/2010	60.26	39.74	16.67	6.03	0.79	0.00
Start of Calendar Year 1/4/2011	60.50	39.50	21.74	8.50	2.60	0.00
Start of Water Year 9/28/2010	60.05	39.95	13.16	3.09	0.30	0.00
One Year Ago 3/2/2010	72.33	27.67	8.83	1.56	0.00	0.00

Intensity:

D0 Abnomally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Laura Edwards Western Regional Climate Center









August 2, 2011

(Released Thursday, Aug. 4, 2011)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	54.99	45.01	32.34	25.18	18.29	10.92
Last Week 7/26/2011	59.11	40.89	29.50	23.86	18.19	11.04
3 Month's Ago 5/3/2011	66.22	33.78	26.39	19.26	11.66	3.12
Start of Calendar Year 1/4/2011	60.50	39.50	21.74	8.50	2.60	0.00
Start of Water Year 9/28/2010	60.05	39.95	13.16	3.09	0.30	0.00
One Year Ago 8/3/2010	75.51	24.49	8.18	1.97	0.30	0.00

Intensity:

D0 Abnormally Dry

D1 M oderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Brad Rippey









January 3, 2012

(Released Thursday, Jan. 5, 2012) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	50.41	49.59	31.90	18.83	10.18	3.32
Last Week 12/27/2011	50.89	49.11	28.49	18.95	10.01	3.31
3 Month's Ago 10.4/2011	55.13	44.87	30.00	23.76	17.99	11.69
Start of Calendar Year 1/3/2012	50.41	49.59	31.90	18.83	10.18	3.32
Start of Water Year 9/27/2011	56.45	43.55	29.13	23.44	17.80	11.37
One Year Ago 1/4/2011	60.50	39.50	21.74	8.50	2.60	0.00

Intensity:

D0 Abnomally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Brad Rippey









March 6, 2012

(Released Thursday, Mar. 8, 2012) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	42.81	57.19	39.02	19.30	7.24	2.44
Last Week 2/28/2012	42.48	57.52	38.66	19.50	7.63	2.50
3 Month's Ago 12/6/2011	59.28	40.72	28.17	21.04	13.82	4.80
Start of Calendar Year 1/3/2012	50.41	49.59	31.90	18.83	10.18	3.32
Start of Water Year 9/27/2011	56.45	43.55	29.13	23.44	17.80	11.37
One Year Ago 3/8/2011	59.25	40.75	27.48	12.56	2.68	0.00

Intensity:

D0 Abnormally Dry

D1 M oderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s): Michael Brewer NCDC/NOAA

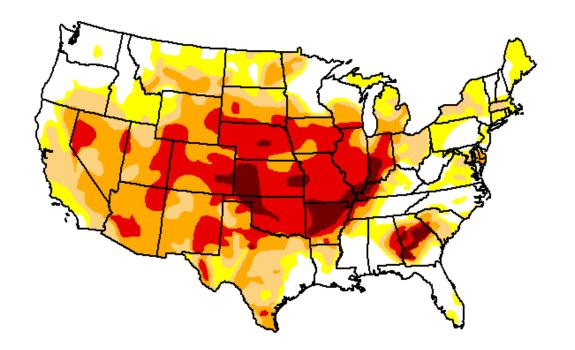








By August 2012 moderate to severe drought encompassed the southern half of the state.



August 7, 2012

(Released Thursday, Aug. 9, 2012) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	21.86	78.14	62.46	46.01	24.14	4.21
Last Week 7/31/2012	20.62	79.38	62.91	45.57	22.27	3.01
3 Month's Ago 5/8/2012	43.88	56.12	35.88	19.65	6.77	1.61
Start of Calendar Year 1/3/2012	50.41	49.59	31.90	18.83	10.18	3.32
Start of Water Year 9/27/2011	56.45	43.55	29.13	23.44	17.80	11.37
One Year Ago 89/2011	55.01	44.99	32.86	24.74	18.48	11.46

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Mark Svoboda National Drought Mitigation Center

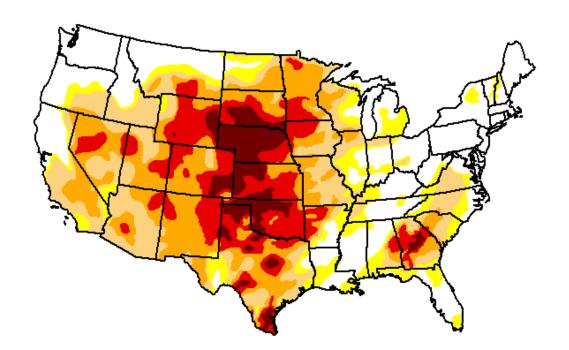












January 1, 2013

(Released Thursday, Jan. 3, 2013) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	27.22	72.78	61.09	42.05	21.31	6.75
Last Week 12/25/2012	26.16	73.84	61.82	42.45	21.60	6.73
3 Month's Ago 10/2/2012	24.10	75.90	64.58	40.07	20.12	6.07
Start of Calendar Year 1/1/2013	27.22	72.78	61.09	42.05	21.31	6.75
Start of Water Year 9/25/2012	23.41	76.59	65.45	42.12	21.48	6.12
One Year Ago	50.41	49.59	31.90	18.83	10.18	3.32

Intensity:

D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s): Richard Heim NCDC/NOAA









March 5, 2013

(Released Thursday, Mar. 7, 2013) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	34.33	65.67	53.34	36.44	17.04	5.45
Last Week 2/26/2013	33.62	66.38	54.17	36.35	16.95	5.45
3 Month's Ago 12/4/2012	23.84	76.16	62.37	42.22	20.63	6.49
Start of Calendar Year 1/1/2013	27.22	72.78	61.09	42.05	21.31	6.75
Start of Water Year 9/25/2012	23.41	76.59	65.45	42.12	21.48	6.12
One Year Ago 3/6/2012	42.81	57.19	39.02	19.30	7.24	2.44

Intensity:

D0 Abnormally Dry

D1 M oderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Matthew Rosencrans CPC/NCEP/NWS/NOAA









August 6, 2013

(Released Thursday, Aug. 8, 2013) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	42.60	57.40	45.49	32.32	11.98	2.77
Last Week 7/30/2013	42.77	57.23	45.64	32.44	11.80	3.17
3 Month's Ago 5/7/2013	37.58	62.42	48.06	32.88	14.12	4.38
Start of Calendar Year 1/1/2013	27.22	72.78	61.09	42.05	21.31	6.75
Start of Water Year 9/25/2012	23.41	76.59	65.45	42.12	21.48	6.12
One Year Ago 8/7/2012	21.86	78.14	62.46	46.01	24.14	4.21

Intensity:

D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Brian Fuchs

National Drought Mitigation Center

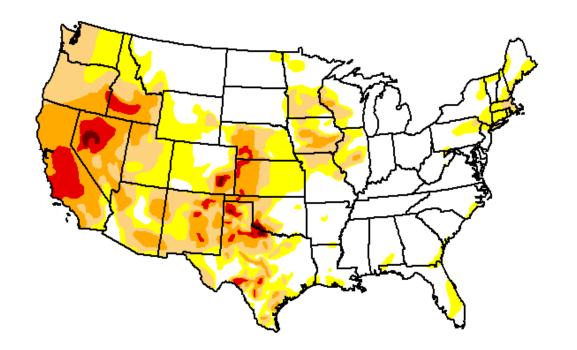








By January 2014, much of the state was once again free of drought.



January 7, 2014

(Released Thursday, Jan. 9, 2014)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	46.64	53.36	33.22	17.12	4.13	0.37
Last Week 12/31/2013	48.24	51.76	30.95	16.67	3.96	0.37
3 Month's Ago 10/8/2013	42.23	57.77	38.59	19.60	2.91	0.29
Start of Calendar Year 12/31/2013	48.24	51.76	30.95	16.67	3.96	0.37
Start of Water Year 10/1/2013	39.57	60.43	41.21	20.70	3.06	0.29
One Year Ago 1/8/2013	28.26	71.74	60.26	41.71	20.80	6.70

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Mark Svoboda National Drought Mitigation Center









March 4, 2014

(Released Thursday, Mar. 6, 2014)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	46.53	53.47	35.85	21.56	7.40	1.57
Last Week 2/25/2014	45.89	54.11	36.08	21.54	7.65	1.76
3 Month's Ago 12/3/2013	44.55	55.45	30.59	16.50	3.82	0.39
Start of Calendar Year 12/31/2013	48.24	51.76	30.95	16.67	3.96	0.37
Start of Water Year 10/1/2013	39.57	60.43	41.21	20.70	3.06	0.29
One Year Ago 3/5/2013	34.33	65.67	53.34	36.44	17.04	5.45

Intensity:

D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

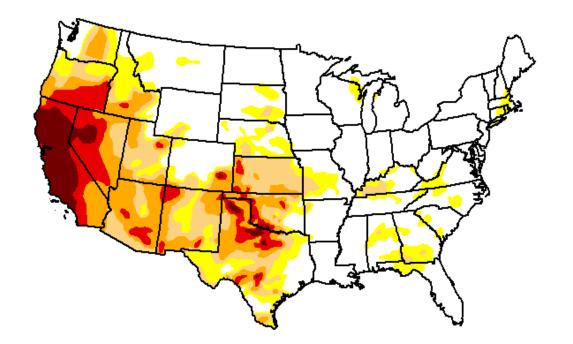
Brad Rippey











August 5, 2014

(Released Thursday, Aug. 7, 2014) Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Сиптепт	52.44	47.56	33.94	22.19	10.19	3.84
Last Week 7/29/2014	52.50	47.50	34.06	22.77	10.60	3.90
3 Months Ago 56/2014	49.33	50.67	40.06	28.34	14.49	4.45
Start of Calendar Year 12/3/1/2013	48.24	51.76	30.95	16.67	3.96	0.37
Start of Water Year 104/2013	39.57	60.43	41.21	20.70	3.06	0.29
One Year Ago 86/2013	42.60	57.40	45.49	32.32	11.98	2.77

Intensity:

D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Brad Rippey









January 6, 2015

(Released Thursday, Jan. 8, 2015) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Сиптепт	55.85	44.15	28.10	16.76	8.84	2.48
Last Week 12/3/0/2/01/4	53.20	46.80	28.68	16.93	8.96	2.54
3 Month's Ago 107/2014	53.03	46.97	30.51	18.66	9.46	3.87
Start of Calendar Year 12/3/02/01/4	53.20	46.80	28.68	16.93	8.96	2.54
Start of Water Year 930/2014	52.22	47.78	30.57	18.66	9. 41	3.85
One Year Ago 1/7/2014	46.64	53.36	33.22	17.12	4.13	0.37

Intensity:

D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

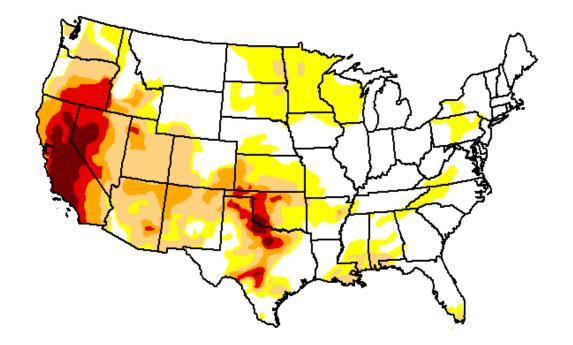
Brad Rippey











March 10, 2015

(Released Thursday, Mar. 12, 2015) Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Сиптепт	47.36	52.64	31.60	15.73	8.39	3.17
Last Week 33/2015	47.49	52.51	31.88	15.66	8.43	3.21
3 Month's Ago 12/9/2014	51.32	48.68	29.84	17.09	8.94	3.69
Start of Calendar Year 12/3/02/01/4	53.20	46.80	28.68	16.93	8.96	2.54
Start of Water Year 930/2014	52.22	47.78	30.57	18.66	9.41	3.85
One Year Ago 3/11/2014	47.91	52.09	35.74	21.71	7.70	1.66

Intensity:

D0 Abnormally Dry

D1 Moderate Drought

D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author(s):

Matthew Rosencrans CPC/NCEP/NWS/NOAA



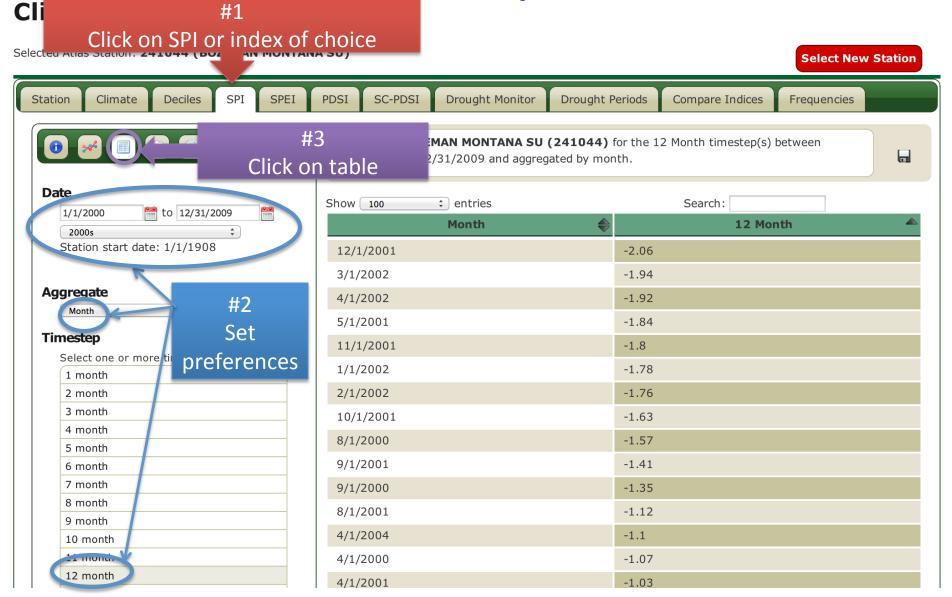




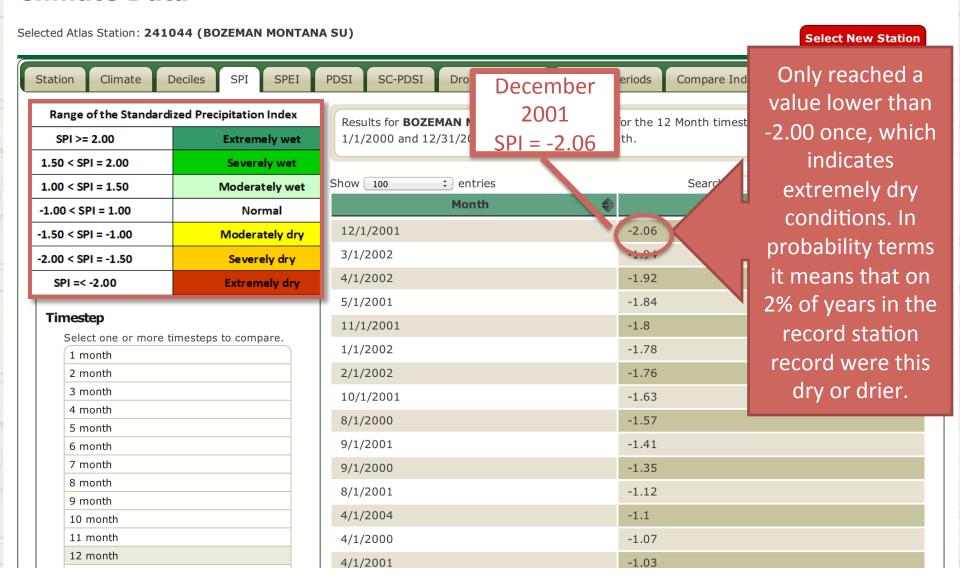


How bad was the drought in the early 2000s?

Standardized Precipitation Index

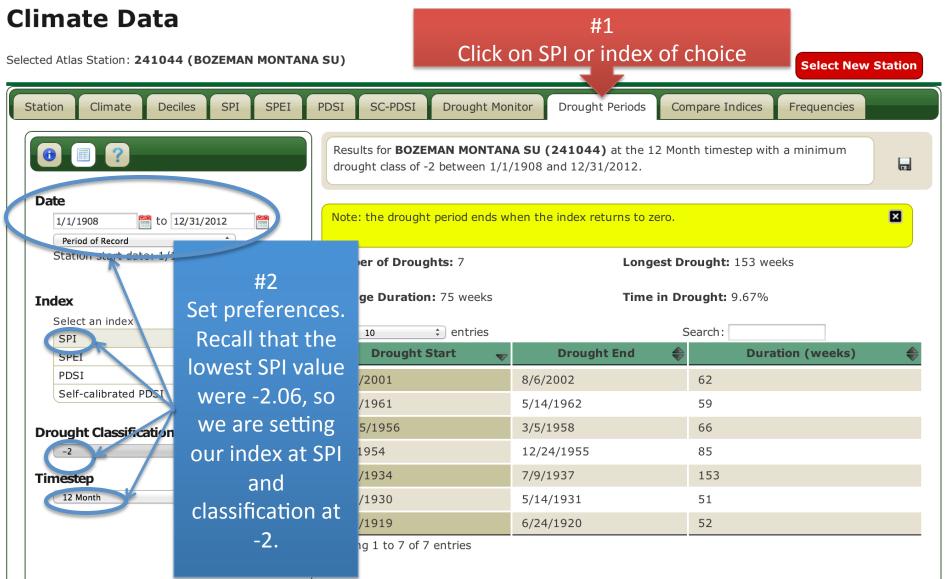


How bad was the drought in the early 2000s? SPI Magnitude Ranking



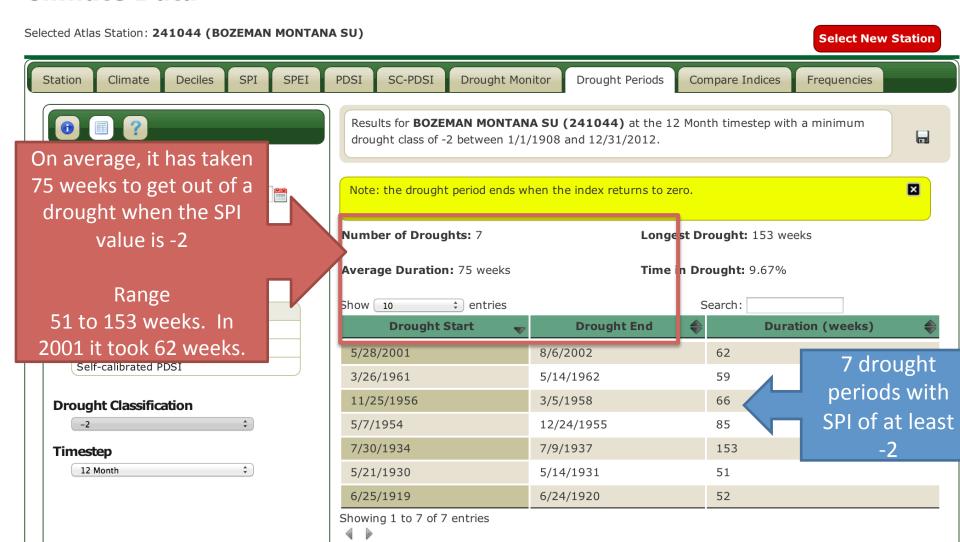
How long do droughts like the early 2000s last?

Drought Periods



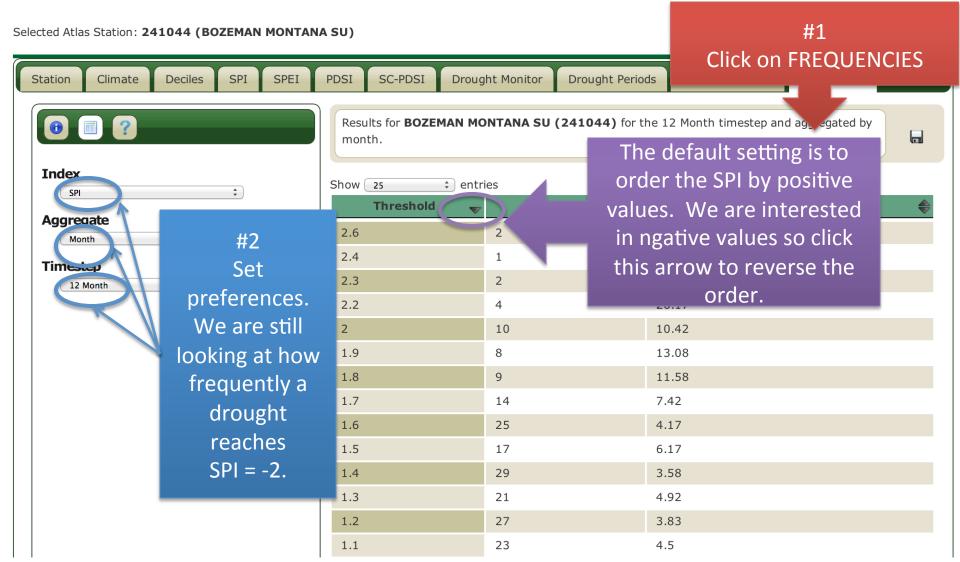
How long do droughts like the early 2000s last?

Drought Periods



How often do droughts like the early 2000s occur?

Frequencies



How often do droughts like the early 2000s occur?

Frequencies

